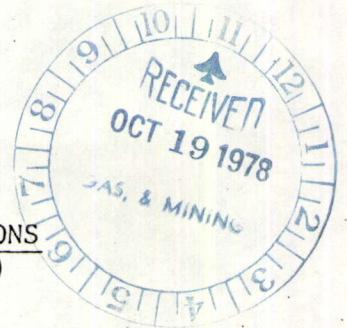


MINING APPLICATION  
NO. \_\_\_\_\_  
Date \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116



NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS  
(Sec Rule M of General Rules and Regulations)

1. Name of Applicant or Company INTERSTATE BRICK  
Corporation (XX) Partnership ( ) Individual ( )
2. Address 9210 South 5200 West, West Jordan, Utah  
Permanent Temporary
3. Name and title of person representing company Robert L. Steele, Consultant
4. Address 1075 North 400 East, Nephi, Utah Office Phone 623-1877
5. Location of Operation Utah Sec. 3 T. 6 S R. 1 W  
County
6. Name of Mine Powell MLA 35590
7. Mineral to be mined: Mining method:  

( ) Coal	( ) Flagstone	Open Pit
( ) Copper	( ) Gravel	
( ) Manganese	( ) Shale	
( ) Iron Ore	( ) Uranium	
( ) Phosphate	( ) Gilsonite	
( ) Potash	( ) Bituminous Sandstone	
( ) Fluorspar	( ) Tungsten	
(x) Other (specify) <u>clay</u>		
8. Have you or any person, partnership or corporation associated with you received an approved Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein?  
(X) Yes ( ) No  
If yes, list all approval numbers now under surety:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Owner/Owners of record of the surface area within the land to be affected:  

<u>Interstate Brick (State Lease)</u>	Address <u>9210 S. 5200 West</u>
_____	Address _____
_____	Address _____
_____	Address _____



10. Owner/Owners of record of minerals to be mined:

<u>Interstate Brick</u>	Address <u>9210 S. 5200 W.</u>
_____	Address _____
_____	Address _____
_____	Address _____

11. Owner/Owners of record of all other minerals within any part of the land affected:

<u>Energy Reserves Group, Inc.</u>	Address <u>P. O. Box 1407, Denver, Col. 80201</u>
<u>(Oil Gas and Hydrocarbon)</u>	Address _____
_____	Address _____

11a. Have the above owners been notified in writing?  
(xx) Yes ( ) No

12. Source of Operator's legal right to enter and conduct operations on land to be covered by the Notice State Mining Lease #MLA 35590

13. Approximate acreage to be disturbed:

A) Mining Operation Area -	<u>10</u>	acres
(include operations, storage, & disposal area)		
B) Access Road or Haulageway -	<u>0</u>	acres - use existing
C) Drainage System -	<u>0</u>	acres

TOTAL ACRES: 10

14. Give the names and post office addresses of every principal Executive, Officer, Partner, (or person performing a similar function) of Applicant:

Name:	Title:	Address:
a. <u>Harold P. Cahoon</u>	<u>President/General Mgr.</u>	<u>9210 S. 5200 W. West Jordan, Utah, 84084</u>
b. <u>Harvey P. Cahoon</u>	<u>Assistant General Mgr.</u>	<u>9210 S. 5200 W. West Jordan, Utah, 84084</u>
c. _____		
d. _____		

15. Has Applicant, any subsidiary or affiliate or any person, partnership, association, trust, or corporation controlled by or under common control with Applicant, or any person required to be identified by Item 14, ever had an approval of a Notice of Intention withdrawn or has surety relating thereto ever been forfeited? ( ) Yes (xx) No

If yes, explain:



STATE OF Utah  
COUNTY OF Juab

I, Robert L. Steele, having been duly sworn  
depone and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: Robert L. Steele

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 10 day of October, 1978.

Notary Public: Louille S. Carter

My Commission Expires: \_\_\_\_\_

Juab County Recorder

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as  
follows:

"Information relating to the location, size, or nature  
of the deposit and marked confidential by the operator,  
shall be protected as confidential information by the  
Board and the Division and not be a matter of public  
record in the absence of a written release from the  
operator, or until the mining operation has been  
terminated as provided in subsection (2) of section  
40-8-21."

Is confidential information contained herein?

YES \_\_\_\_\_ (Initial)

NO \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

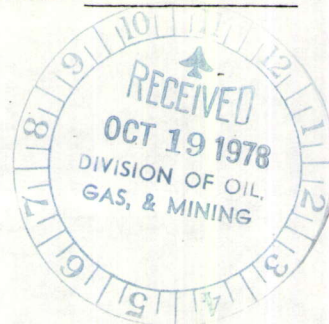
\_\_\_\_\_  
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\_\_\_\_\_



MINING APPLICATION  
NO. \_\_\_\_\_

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STATE OF UTAH  
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MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Interstate Brick
2. Proposed type of operation Clay Mining
3. (a) Prior Land Use(s) Grazing  
(b) Current Land Use(s) clay mining  
(c) Possible or Prospective Future Land Use(s) Sanitary land fill, grazing
4. What vegetation exists on the land proposed to be affected Sagebrush, shadscale, crested wheat  
(a) Types and Estimated Percent cover, or density: 50% density - 80% sagebrush - 15% shadscale - 5% crested wheat
5. What is the pH range of soil before mining? 8.0 pH  
Name of Person or Agency and method of determining pH Harvey P. Cahoon
6. Site elevation above sea level 4850 feet
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) \_\_\_\_\_
8. Estimated duration of mining operations 40 years
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (xx) No  
Does the above material being moved have any other characteristics affecting revegetation? no
10. Will any underground workings or aquifers be encountered? ( ) Yes (x) No  
Describe none  
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (x) No If yes, describe the quality of water being discharged. none



11. Describe specifically a detailed procedure for: (see attached sheet)
- (a) The mining sequence
  - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
  - (c) The procedure for site preparation including removing trees and brush.
  - (d) The method for removing and stockpiling topsoil or disturbed materials.
  - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
  - (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe: (see attached sheet).

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

None

Describe method for the testing of soil that is intended to support vegetation

None

2. Describe any soil treatment employed as an aid to revegetation

None

3. Describe surface preparation of areas intended to support vegetation:

Ground will be ripped and graded.

REVEGETATION

1. Revegetation to be completed by:

<input checked="" type="checkbox"/> Operator	<input type="checkbox"/> Hydroseeding
<input type="checkbox"/> Soil Conservation District	<input type="checkbox"/> Aerial Seeding
<input type="checkbox"/> Private Contractor	<input type="checkbox"/> Conventional or Rangeland Drilling
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Broadcast and Drag
	<input type="checkbox"/> Other <u>Hand</u>



#### DURING OPERATIONS

- (1) When they are present, surface soils overlying areas to be mined will be stockpiled for later use.
- (2) Overburden will be deposited in mined out areas or piled in locations suitable for later regrading.
- (3) Clay will be ripped and stockpiled in designated areas.
- (4) As areas are mined out, they will be graded and stabilized by planting specified seed.
- 7 (5) All mining will be done in a safe, orderly, minerlike manner.

#### FOLLOWING OPERATIONS

- (1) Areas disturbed will be graded to stable slopes of less than 45°.
- (2) Areas disturbed will be planted with a specified seed.
- (3) Surface structures, debris, and scrap will be buried, removed from the site or otherwise permanently disposed of.
- (4) Roads other than main access roads will be ripped, regraded and planted with a specified seed.



2. Will Mulch be used? ( ) Yes (xx) No

Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
shadscale	1 lb.	As areas are		Fall
crested wheat	4 lb.	mined out		
russian wild	1 lb.			
rye yellow clover	1 lb.			
alfalfa	1 lb.			

4. Will affected area be subject to livestock or wildlife grazing?

( x ) Yes ( ) No Will vegetation protection be needed? no.

5. Will irrigation be used: ( ) Yes (x ) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

none



STATE OF Utah

COUNTY OF Juab

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YES \_\_\_\_\_ (Initial)

NO \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_